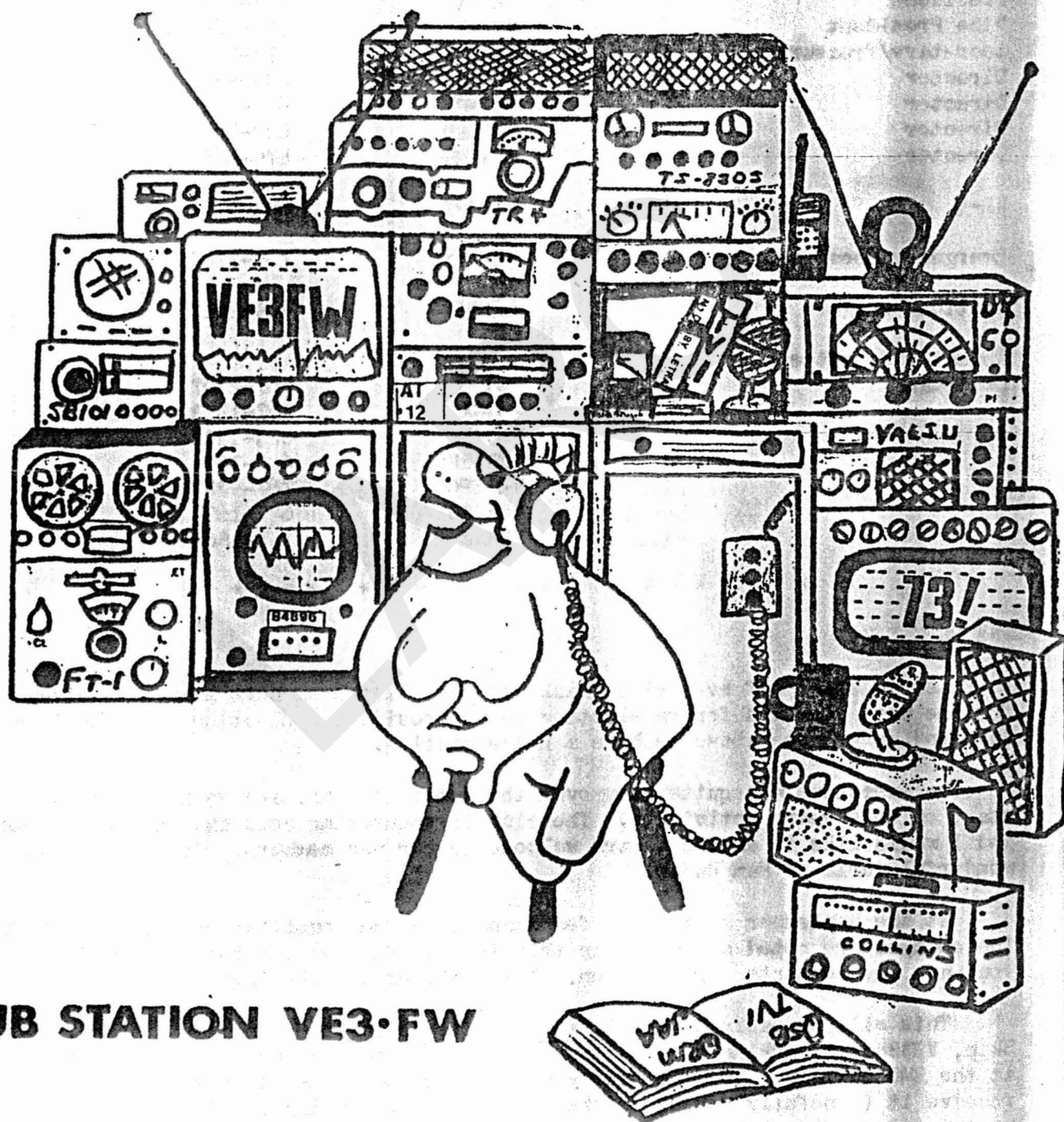


HI-Q

LAKEHEAD AMATEUR RADIO CLUB BULLETIN



CLUB STATION VE3·FW

Founded 1934 *Incorporated 1979*

SEPTEMBER 1985

THE NEXT MEETING OF THE L.A.R.C. WILL BE HELD THURSDAY, SEPTEMBER 12, 1985
AT THE E.M.O. BUILDING, CORNER OF WATERLOO/VICTORIA AVE.

* * * * *

LARC 1985/86 EXECUTIVE

President	Tom	VE3CX	767-1453
Vice President	Ed	VE3KRP	623-7651
Secretary/Treasurer	Ian	VE3LMN	577-2980
Director	Les	VE3JAJ	683-5304
Director	Vic	VE3ECV	577-3429
Director	Laurie	VE3BCD	622-1628
Director	Art	VE3LMG	475-4662
HI-Q	Richard	VE3OPI	683-3163
Emergency Coordinator	Skip	VE3BBS	767-2307
Station Manager	Bob	VE3NHN	345-2613
Repeater Committee Chairman	Skip	VE3BBS	767-2307
	Tom	VE3CX	767-1453
	Gary	VE3CK	623-1832
	Ed	VE3KRP	623-7651
	Bill	VE3EFC	767-9242
	Laurie	VE3BCD	622-1628
	Bill	VE3XJ	344-1866

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THE PREZ SEZ

Let me start off by saying thank you for all the support I have received for the past year and for re-electing me as president. Elections were held in June and as you see above we have a new executive.

The executive was quite busy over the summer months, and we have a good start on this years activities. The club is sponsoring code and theory classes and I would like to extend a warm welcome to our new members. Welcome to the wonderful world of Ham Radio!

At the September meeting, a few changes to the constitution will be tabled. The changes are noted elsewhere in this issue. Please look them over and if you have any comments, pro and con, please attend the meeting!

This will probably be the last mailed issue for in-town club members. Skip, VE3BBS is working on a mail-box for us, to be located in the club room at the EMO Building. We will put your copy in the mail-box as soon as we receive it (hopefully a week before the meeting). During regular business hours, you can see Andrea for the key to the Club Room. If you have not picked up your copy by Monday after the meeting, it will be mailed to you. For out of town members, your HI-Q will be mailed when we receive it. It usually takes the Post Office that long to deliver it anyway - HI.

This is another way for you to find out what your club is up to. When you attend the meeting you can pick up your HI-Q. Upcoming meetings will be announced on the Salt Mine Net, the "METT" message will be activated on TBR, and we (the executive) are working on a phone committee. If you wish to be called prior to the meeting, we will have a sheet at the meeting.

At the September meeting, Rob VE3OPZ will be giving a demonstration on packet radio. It is a computer to computer communication mode, and shows a lot of promise in the future. This is your chance for a first hand demonstration and to have your questions about packet radio answered.

Vic, VE3EOV and Laurie VE3BCD are looking after presentations at the meetings. If you have any ideas for a future presentation, tour or demonstration give them a call.

Are you interested in an advanced theory class? If classes are held, they would cover the theory portion and the CW is left to you. After all, 15 W.A.M. should be a piece of cake! If you are interested, give Les VE3JAJ A Call.

A Repeater Committee meeting will be held prior to the regular meeting. Unfortunately, there will not be enough time for a summary for HI-Q, but a report will be tabled at the meeting. The clubs repeaters are the backbone of our emergency and public service communications and if you would like to see what is planned, attend the meeting. A few changes were made to VE3TBR and more details appear elsewhere.

In closing, I would like to remind all members your dues are due. The dues are unchanged from last year, and are as follows:

ASSOCIATE: \$10.00/yr. for out of town amateurs and unlicensed people interested in amateur radio.

FULL: \$15.00/yr for licensed amateurs in Thunder Bay. Also allows full voting privileges

FAMILY: \$20.00/yr for families with more than one licensed amateur. Allows full membership status, but only one copy of HI-Q

REPEATER: \$10.00/yr. in addition to full or family. We ask that if you use the club repeaters that you support their maintenance and upkeep.

SEE YOU AT THE MEETING'.

73 Tom VE3CX - Prez

RAFFLE DRAW

The draw was held June 30/85 at 8:00 p.m. at the E.M.O. Bldg. The winning ticket was drawn by Ed VE3KRP and the winner's ticket no. was #490 bought by L. Keller of 344 Hodder Avenue. This ticket was sold by John VE3OTI.

A profit of \$950.00 approx. was made which is going towards repairs of repeater equipment.

YARD SALE

On July 13/85 at Arnold's VE3EAA a yard sale took place with \$170.00 approximately raised. Thanks to Arnold on a job well done.

TBBS/TB - FREE ACCESS FOR HAMS

TBBS/TB is an electronic bulletin board system (BBS) run by Gary Walsh VE3JAF. It is run on a TRS-80 Model 3 Computer and is "open" 24 hours a day. The phone number is 622-2685. If you would like free access, all you have to do is register and you are all set.

I should make a few observations in case you are not familiar with a BBS. It is run with a computer, and you must use a computer or terminal to log on and communicate. With a recent update, the system will now run at 300, 1200 and 2400 Band, with 300 being the most common.

Arnold VE3JAA has been copying the ARRL RTTY Bulletin, and leaving it on the board. As well, there is the ARRL Newsletter and the W5YI Report. There is computerized satellite orbital predictions also available, along with a special message board devoted to amateur radio, where you can read and leave messages. There is also a private message board available.

All the latest news, gossip and tidbits are yours 24 hours a day! All you have to do is sign up!

Tom VE3CA

JACK RAVENSCROST FUND

Anyone who may wish to donate to the Jack Ravenscroft Fund may do so through the club or mail to:

JRSD FUND
P.O. Box 8873
OTTAWA, Ont. K1G 3J2

A total of \$120.00 was raised at a club get together at the E.M.O. Bldg. in July.

Jack Ravenscroft is being sued by his neighbour for turning on his microwave among other things. Needless to say, if he should loose the case it will set a precedent and have far reaching ramifications.

FIELD DAY

Field Day for 1985 has come and gone, and was held at the Kakabeka Falls Provincial Park. It was a tremendous success with 50 + people turning out. This was in no small way due to Bob VE3NHN's Super Efforts. We had a number of sponsors to help out with the goodies which really made the day.

Admittedly the QSO rates were not so hot (are they ever?). But the food was, and the liquid refreshment (to keep the operators cool in the heat of the pileups) was well received by all.

Thanks again Bob!

FINAGLE'S EIGHTH RULE: Teamwork is essential. It allows you to put the blame on someone else.

LARC CONSTITUTION CHANGES

Our club has been through a few changes over the past few years, and we feel a few items require change and updating. We the executive are recommending the following changes be made. However, it is up to the membership to decide if these changes are in order. Each change will be tabled individually, and you are requested to attend the September meeting should you wish to comment on these changes.

*See result
of Oct Meeting
in Nov 85
issue*

At present, there are no objectives. Our previous constitution had the following, and we would like to re-introduce them. They read as follows:

OBJECTIVES: The objectives of the Lakehead Amateur Radio Club shall be to:

- a) organize those holding certificates of proficiency in amateur radio for the good of amateur radio.
- b) provide a voice for amateur radio in this district in matters calling for united action.
- c) foster the spirit of amateur radio.
- d) assist the new amateur radio operator.
- e) co-operate with other radio clubs and national amateur radio organizations for the good and welfare of amateur radio.
- f) hold meetings for the discussion of problems related to amateur radio, technical advances, etc. *added Emergency Services*

Article 1 (special membership) Item 1 currently reads as follows:

LIFE MEMBERSHIP: Awarded to licenced amateurs who have shown a continuous, active interest in the affairs of the club, and amateur radio activity in this area. These members shall have full privileges and are exempt from payment of annual club dues.

We would like to add the following:

The number of life memberships shall not exceed six (6). ✓

Article 2 Dues currently reads as follows:

Each member shall be required to pay the fees as presented under Bylaw No. 1.

We would like to add the following:

Dues shall be collected annually by the secretary/Treasurer. If dues have not been paid by the October Meeting, said individuals shall cease to be club members. ✓

Article 3 Meetings: Item A currently reads as follows:

Regular meetings shall be held from September through June

We would like to change it to read as follows:

Regular meetings shall be held from September through August. ✓

Article 3 Meetings: Item B currently reads as follows:

The president or Vice-President may call a meeting at any time, providing the membership is duly notified.

We would like to change it to read as follows:

The President or Vice-President may call a meeting at any time, providing an attempt is made to notify each member. ✓

Article 5 Duties of Officers: Item D, Sub Item 3 reads as follows:

Prepare and present an audited financial statement at the June Lakehead Amateur Radio Club History Project of officers.

we would like to change it to read as follows:

✓ Prepare an audited financial statement with the assistance of two club members. The two assistants will be appointed from the membership at the May general meeting. The audited financial statement will be presented at the June general meeting, prior to the election of officers.

ByLaw 2: Expenditures: currently reads as follows:

Expenditures exceeding fifty dollars (\$50.00) must be authorized by an affirmative vote of the majority of members present at a general meeting.

We would like to change it to read as follows:

✓ Expenditures exceeding one hundred dollars (\$100.00) must be authorized by an affirmative vote of the majority of members present at a general meeting.

Tom VE3CX

DIRTY LAUNDRY

VE3CK AND KRP both traded in their old buggies on newer shaggin' wagons. VE3JAA is signing up for code classes this fall! VE3OTV traded in a half moon for a full heart. VE3BBS and MZX made DX QSO'S via 2 M. VE3LML really knows how to warm things up! VE3BBS is QRV on QLF. VE3CX went QCN! Certain persons (we know who -- do you?) had skinned knuckles after a trip west. VE3NHN received an early (late?) christmas present. VE3NNR made his 'annual' into the tall grass. VE3CK got all wet! VE3JAR has a new toy that will go anywhere! VE3TBR has a new BEEP. VE3CX should soon be QRV with QRO on 2M. VE3KRV has a 3/4 inch drill bit looking for a new car to try it out on -- any volunteers? VE3OTI is QRV on RPT (Toronto) and TBR via the twisted pair. VE3OPZ is into bits and bits. VE3AVS has a 100 lb. (!) Modem.

VE3TBR REPEATER UPDATE

In this issue of HL-Q, a new function sheet for VE3TBR has been included. When you cut it in half (along the dotted line), you can carry half in your wallet and put the other half on your sun visor. As you will notice, a few changes and additions have been made.

VE3TBR has a new courtesy BEEP. I have received several compliments on it (no complaints), so I guess it's here to stay. It serves the same purpose as before, only it sounds different.

A new work number speed dial function has been added. If you look at the speed dial list (*7), some callsigns are followed with an asterisk (*). These people have their work phone number in the repeater. To use, key in *6, then unkey. The repeater responds with "ID?". Give your call, then enter the speed dial number to be called (IE 69). It operates the same as *7, except work phone numbers (instead of home phone numbers) are dialed.

I have also extended the time required to drop the autopatch (#) to about 1 second. Just hold down the crosshatch a bit longer than before to drop the autopatch.

A few other "House Cleaning" changes were made, but will go un-noticed. As always, if you have any problems or suggestions, please let me know.

Tom VE3CX

MORE REPEATER NEWS

VE3NWO (146.10/70) in Atikokan should be on the air shortly. It will be located at the Hydro Plant, and will run 30 Watts into 3 Yagis. One towards Thunder Bay, One towards Kenora/Fort Francis, and One South.

VE3OLD (147.90/30) in Geraldton should be on the air this Year. Glen VE3JAU has been waiting for a few parts and pieces to arrive, and the machine will be ready soon after.

VE3YOK (146.31/91) in Kenora has been on the air, and is undergoing some minor debugging. A permanent home is still being arranged for.

VE3FW HAS A NEW KEYS

A new MFJ Grand Master Keyer and a Bencher Paddle have been purchased by the club. It will be used for code practice for the code and theory classes this fall. When not in use for code practice, it will be at VE3FW.

As well, the club has purchased 30 copies of the Carf Study Guide. Both items have been ordered, and have been received by the club. In case you didn't make it, the above items were approved at a club meeting held on July 11 at the EMO Building.

NEW HAMS

Congratulations to Richard VE3OTE (Geraldton) John McInnes VE3OTI, Ine Rheufus VE3OTV and Michael VE3OPN (Geraldton). Also two operators have received their advance: Ralph VE3MZK and Ken VE3KRX (Geraldton).

Next writing date of D.O.C. Exams is October 16th. with a cut-off date of September 18th.

LARC Provided radio communications for the Fresh Air Red Oak Inn Triathlon on Sunday Aug. 18th which consisted of 3/4 mile swim, 56 mile bike ride, and 13.1 mile road run. Skip VE3BBS noted the organizers were very pleased with the communications provided. Many thanks to: Skip VE3BBS, Bill VE3ARN, Bob VE3JAB, Arnold VE3JAA, Keith VE3JQ and Ian VE3LMN.

LAKEHEAD AMATEUR RADIO CLUB, INC.

FINANCIAL STATEMENT

ACTIVITIES FROM JULY 1 - AUG. 14/85

OPENING BALANCE

\$1,796.14

REVENUE

Raffle	\$985.49
Donations (Abitibi)	250.00
Yard Sale	171.16
Ticket Money	130.00
Bank Interest	5.77
Donation	3.36
Dues	25.00
	<u>\$1,570.78</u>

EXPENSES

Money Order	1.00
Postage Due	.44
Phone Bills	88.36
Stationery	5.32
Field Day	50.00
Books	387.00
Keyer & Paddle	254.00
Hi-Q	28.36
	<u>\$814.48</u>

DIFFERENCE

756.30

NEW BALANCE

\$2,552.44

A BIG flea jumped in over the swinging doors of a saloon, drank three whiskeys and jumped out again. He landed smack on his face in the middle of the street. "Damn!" the flea said as he slowly picked himself up. "Somebody must have moved my dog."

A mother sent her little boy outside to watch the construction workers who were building a house next door. "Maybe you could learn something," she said. An hour later the boy came back inside. "What did you learn?" asked the mother. "Well, first you take a \$/*%?#@ door and then you try to fit it into the \$/*%?#@ doorway. If it doesn't fit, you shave off its \$/*%?#@ bottom. Then you put on the \$/*%?#@ hardware, and that's how you hang a door."

The mother was appalled by her son's language. "I want you to repeat that for your father when he gets home," she said. Later the boy told his father the story just as he had told it to his mother. "Son," the father said, "go outside and fetch me a switch."

"Heck, no," replied the boy. "That's the \$/*%?#@ electrician's job."

VE3TBR FUNCTION SHEET

JULY 6, 1985

EMERGENCY SPEED DIAL (*5)

*1 - AUTOPATCH *2 - TEST PAD *3 - DIAL IN
 *4 - AUTOPATCH *5 - EME SPEED DIAL *6 - WORK # SPEED DIAL (*)
 *7 - HOME # SPEED DIAL *8 - TIME *9 - REDIAL
 *05 - WEATHER OFFICE * - RESET AUTOPATCH 5 MIN TIMER
 0 - TERMINATE ALL FUNCTIONS

00 - POLICE
 01 - OPP
 02 - FIRE
 03 - FOREST FIRE
 04 - AMBULANCE
 05 - WEATHER OFFICE
 10 - GENERAL HOSPITAL
 11 - LPH

12 - McKELLAR
 13 - ST. JOSEPH
 20 - EMO
 22 - ROAD INFORMATION
 23 - CITY HALL
 24 - OML
 30 - TOW N
 31 - TOW S
 40 - AIR CANADA
 41 - NORDAIR
 42 - AUSTIN
 51 - MOVIE
 52 - ENTERTAINMENT LINE
 53 - SKI
 60 - OPERATOR SUPV.

SINGLE BEEP - RESET TIME-OUT TIMER DOUBLE BEEP - SEVERE WEATHER WATCH
 TRIPPLE BEEP - DIAL IN (345-5552) - USE *3 TO ANSWER
 SPECIAL BEEP - EMERGENCY - PLEASE QSY TO VE3YQT
 ANY DIGIT FOR 10 SECONDS - DISTRESS

SPEED DIAL (*7)

10 - JAY	23 - BBS *	36 - LML	60 - NHN
11 - ARN	24 - ECV	37 - JAB	61 - EDZ
12 - LMG	25 - JQ	38 - HXK *	62 - AJ
13 - AYZ	26 - GOW	39 - OTI	64 - IY
14 - NHX *	27 - LMN *	40 - AXL *	65 - KRN
15 - XJ *	28 - BCD *	41 - LME	66 - NNR
16 - HFS	29 - CH	44 - HTM	69 - CX *
17 - LMI	30 - OPL	46 - MZX	70 - KRV
18 - XT	31 - NNO	47 - OPI	76 - AVS *
19 - ZG *	32 - AHD	50 - EFC	77 - KRO
20 - WF *	33 - EFZ	55 - JAJ	88 - KRP *
21 - JAA	34 - EDW	56 - CK *	90 - ILV
22 - HPT	35 - ICY	57 - HZW *	99 - KRD

TAIL MESSAGES

MEET - MEETING NIGHT RACE - LEGION 10 MILE - HEART OF THUNDER BAY
 SKI - SIBLEY SKI TOUR VOTE - ELECTION DAY REMINDER
 DUES - ANNUAL DUES NOW DUE CLUB - CLUB STATION VE3FW OPEN (WED. NIGHT)
 ARES - ARES TRAFFIC NET

-- -- -- CUT HERE -- -- -- -- CUT HERE -- -- -- -- CUT HERE -- -- -- -- CUT HERE -- -- --

VE3TBR FUNCTION SHEET

July 6, 1985

EMERGENCY SPEED DIAL (*5)

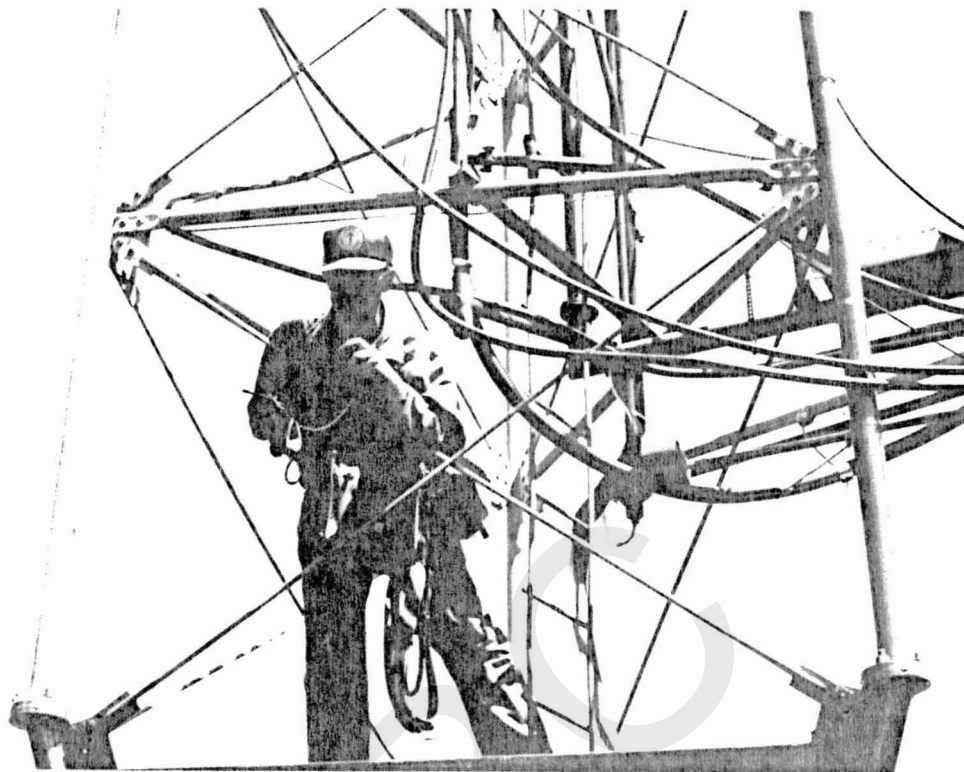
00 - POLICE	23 - CITY HALL
01 - OPP	24 - OML
02 - FIRE	30 - TOW N
03 - FOREST FIRE	31 - TOW S
04 - AMBULANCE	40 - AIR CANADA
05 - WEATHER OFFICE	41 - NORDAIR
10 - GENERAL HOSPITAL	42 - AUSTIN
11 - LPH	51 - MOVIE
12 - McKELLAR	52 - ENT. LINE
13 - ST. JOSEPH	53 - SKI PHONE
20 - EMO	60 - OPR SUPV.
22 - ROAD INFORMATION	

SPEED DIAL (*7)

10 - JAY	23 - BBS *	36 - LML	60 - NHN
11 - ARN	24 - ECV	37 - JAB	61 - EDZ
12 - LMG	25 - JQ	38 - HXK *	62 - AJ
13 - AYZ	26 - GOW	39 - OTI	64 - IY
14 - NHX *	27 - LMN *	40 - AXL *	65 - KRN
15 - XJ *	28 - BCD *	41 - LME	66 - NNR
16 - HFS	29 - CH	44 - HTM	69 - CX *
17 - LMI	30 - OPL	46 - MZX	70 - KRV
18 - XT	31 - NNO	47 - OPI	76 - AVS *
19 - ZG *	32 - AHD	50 - EFC	77 - KRO
20 - WF *	33 - EFZ	55 - JAJ	88 - KRP *
21 - JAA	34 - EDW	56 - CK *	90 - ILV
22 - HPT	35 - ICY	57 - HZW *	99 - KRD

WEEKEND REPAIR CREW AT YQT:

VE3XJ, VE3BCD, VE3JAJ, VE30PI, VE3GOW and Son

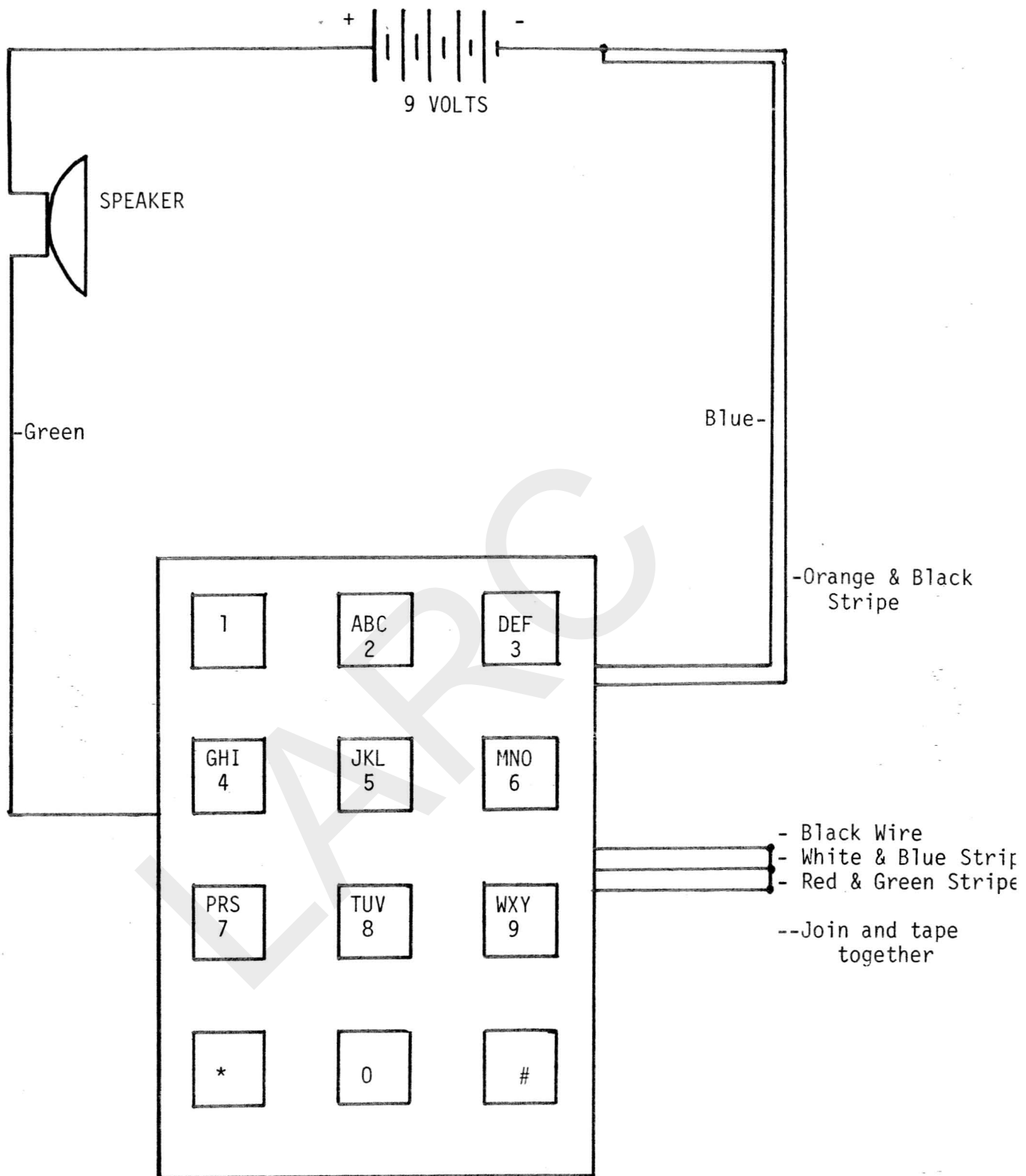


Bill, VE3XJ conducting repairs on YQT at Mount Baldy Tower having just descended from 350 foot antenna location.



John VE3GOW and son Steve at Mount Baldy YQT Site taking a break after a long climb down from the 350 foot antenna location.

LARC



MAKE YOUR OWN TOUCH TONE PAD

VE3KRO
Dan

WIND CHILL

Wind Speed

km/h 8 16 24 32 40 48 56 64

Actual Temp. (°C)

0	-2	-8	-11	-14	-16	-17	-19	-19	Gradually Increasing Danger
-5	-7	-14	-18	-21	-23	-25	-26	-27	
-10	-12	-20	-25	-28	-31	-33	-34	-35	Dangerous
-15	-18	-26	-32	-35	-38	-40	-42	-43	
-20	-23	-32	-38	-43	-46	-48	-50	-51	Extremely Dangerous
-25	-28	-38	-45	-50	-53	-56	-57	-59	
-30	-33	-45	-52	-57	-61	-63	-65	-67	
-35	-39	-51	-59	-64	-68	-71	-73	-75	
-40	-44	-57	-65	-71	-75	-79	-81	-83	
-45	-49	-63	-72	-78	-83	-86	-89	-90	
-50	-54	-69	-79	-85	-90	-94	-96	-98	

WIND CHILL FACTOR

Always be aware of the wind chill factor. Dress warmly and make sure exposed skin does not suffer.

.....

**** W O R D P U Z Z L E ****

compliments of
The Bread Board System, Thunder Bay, Ont.
807-622-2685 BBS.

LARC CODE CLASSES

J J U E F W E S K X K F V F I M F V T H O G M H H
L B B B A A T L L S G O C J M H H L Y R X I X U R
E H M T C I N M E H Y K R L P J N U G R M D I L S
D G R U C D I T Y C S T K Q A J W N K E Y B J P A
O R R K C I E Q E H T O N N F S E E D K G X T A Q
A Z E L M K S C V N Z R B E O A S C D I X O H L Y
L T U P U L Q V N F N R O W D W I E N N L F L B Y
V B X E C H N T A A G A V N F U L B S E E F C I U
S T K V D R B N U N V N O K I X T E Z B C S M G G
V E O B T O T G R N X D I E F C U S D A Q I D I H
R L B V T R C L R A E B A H C C S X R G D B L A C
X E R W I R A F Y E E R G U V B K I F I E R J A Y
K M C L R N K N P Q I L M N R E G Q M C M S L S Z
K D X E Q Q S F S R T F Z A Y Y N B S I S L C O C
D M L X I T N T R M F W I E H N D O C L S O I Z Y
Y G T A N V Q U R D I C R L W X J G W I A D G Y E
L J H Z J J E A O U W T C Q P K G O G X A E G I X
B L X W Z T G R X Z C P T F S M L N J R E E E K X
J T Z U A U N D K C E T Z E C B A H G L L S C N X
M A V M T O S Q Z B C J O M R F W E E D V K S G I
J L A H Y F V G K R H T A R K W F C D K N K O B B
S N V E O R V R H E S X P M Z I T A M N Q Z R V T
E D A J P H O N E R E C I V A R F O J D X Y L G Z
L N N Q T Y A K P Z F Z E V O P G O V O O C D X D
Z W E O G U Z J D B Y O M N Z M D N G J T C Y U U

FIND THESE HIDDEN WORDS IN THE ABOVE PUZZLE:

advanced	amateur	amplifier	antenna
callsign	classes	club	coax
code	cw	doc	electron
electronics	exam	ham	hf
instructor	keyer	knowledge	learn
licence	log	paddle	phone
qsl	qso	radio	receiver
ssb	ssb	student	ticket
transmitter	tuner	wednesday	